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| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|--------------------------------|------------------|
| - | 1 | 6567911.pn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 08:16 |
| - | 5 | (5,430,845 5,680,556 5,905,888 5,951,684 5,951,685).pn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 11:54 |
| - | 5 | (5,671,413 5,835,760 5,836,013 5,841,953 5,901,310).pn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 11:57 |
| - | 5 | (6,003,103 6,009,520 6,061,745 6,145,078 6,173,381).pn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 11:59 |
| - | 5 | (6,182,213 6,216,225 6,282,644 6,282,647 6,298,422).pn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:01 |
| - | 5 | (6,370,631 6,393,492 6,401,198 6,434,695 6,298,422).pn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:02 |
| - | 5 | (5,671,413 5,835,760 5,836,013 5,841,953 5,951,685).pn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:26 |
| - | 4 | ((writ\$4 or cop\$6 or shadow\$4)near6 (BIOS))with (exten\$5 or expan\$4)adj (memory or storage) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:30 |
| - | 1 | ((writ\$4 or cop\$6 or shadow\$4)near6 (BIOS))with (exten\$5 or expan\$4)adj (memory or storage) | EPO; JPO; DERWENT | 2004/07/19 12:47 |
| - | 20008 | 713/\$.ccls. | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:47 |
| - | 9653 | 713/\$.ccls. and (initializ\$7 or power\$on or reset) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 13:09 |
| - | 285 | (713/\$.ccls. and (initializ\$7 or power\$on or reset)) and ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 13:08 |
| - | 68 | ((713/\$.ccls. and (initializ\$7 or power\$on or reset)) and ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) and ((exten\$6 or expan\$7)near4 (memory or storage or resources)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:50 |
| - | 53 | ((713/\$.ccls. and (initializ\$7 or power\$on or reset)) and ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) and ((exten\$6 or expan\$7)near4 (memory or storage or resources))) and (bios or rom) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:51 |
| - | 18 | ((713/\$.ccls. and (initializ\$7 or power\$on or reset)) and ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) and ((exten\$6 or expan\$7)near4 (memory or storage or resources))) and (bios) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:57 |

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|---|-------|--|--------------------------------|------------------|
| - | 16 | ((writ\$4 or cop\$4 or shadow\$4 or duplicat\$4)near3 (BIOS or boot\$4))with (extended or expan\$7)) same (conventional or ram) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 12:59 |
| - | 52 | ((writ\$4 or cop\$4 or shadow\$4 or duplicat\$4)near3 (BIOS or boot\$4))with (extended or expan\$7) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 13:05 |
| - | 18204 | ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 13:09 |
| - | 370 | ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) same (initializ\$7 or power\$on or reset) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 13:09 |
| - | 95 | ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) with (initializ\$7 or power\$on or reset) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 13:10 |
| - | 1 | ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) with (initializ\$7 or power\$on or reset)) and(extended adj2 (storage or memory)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 13:11 |
| - | 3 | ((optimiz\$6 or conserv\$7)near4 (memory or storage or resources))) with (initializ\$7 or power\$on or reset)) and ((exten47 or expan\$7) adj2 (storage or memory)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/19 13:12 |
| - | 10635 | (extended or expanded)adj3 (memory or storage) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:24 |
| - | 783 | ((extended or expanded)adj3 (memory or storage)) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:30 |
| - | 335 | ((extended or expanded)adj3 (memory or storage)) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same (conventional or RAM or rom or prom)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:30 |
| - | 3 | ((extended or expanded)adj3 (memory or storage)) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same ((extended or expanded)adj3 (memory or storage))) and (((delet\$4 or remov\$4 or eras\$4 or scratch\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same ((conventional or RAM or rom or prom))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:31 |
| - | 62 | ((extended or expanded)adj3 (memory or storage)) and (((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same ((extended or expanded)adj3 (memory or storage))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:06 |
| - | 1 | ((unavailabl\$5 or incapable or capacity or ("not" adj available))near6 (conventional or dram or ram))with ((BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)near3 (request\$4 or requir\$5)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:11 |
| - | 139 | ((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:25 |
| - | 11 | ((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) and ((unavailabl\$5 or incapable or capacity or ("not" adj available))near6 (conventional or dram or ram)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:08 |
| - | 529 | mahmoud.inv. | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:22 |

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|---|-------|---|--------------------------------|------------------|
| - | 58 | mahmoud.inv. and memory | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:16 |
| - | 3 | mahmoud.inv. and ((memory or storage)near3 (conserv\$7 or optimiz\$7 or efficiently)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:19 |
| - | 3 | mahmoud.inv. and (fadi) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:22 |
| - | 378 | mahmoud.inv. | EPO; JPO; DERWENT | 2004/07/20 09:23 |
| - | 0 | mahmoud.inv. and (fadi) | EPO; JPO; DERWENT | 2004/07/20 09:23 |
| - | 48 | fadi.inv. | EPO; JPO; DERWENT | 2004/07/20 09:23 |
| - | 0 | mahmoud.inv. and fadi.inv. | EPO; JPO; DERWENT | 2004/07/20 09:24 |
| - | 250 | 711/\$.ccls. | EPO; JPO; DERWENT | 2004/07/20 09:28 |
| - | 0 | 711/\$.ccls. and ((extended or expanded)adj3 (memory or storage)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:25 |
| - | 0 | 711/\$.ccls. and (((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:28 |
| - | 0 | 711/\$.ccls. and (((extended or expanded or alternate)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:26 |
| - | 0 | 711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:29 |
| - | 97 | 710/\$.ccls. | EPO; JPO; DERWENT | 2004/07/20 09:28 |
| - | 21322 | 711/\$.ccls. | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:35 |
| - | 45 | 711/\$.ccls. and (((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:35 |
| - | 91 | 711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:29 |
| - | 60 | (711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:35 |
| - | 4 | ((711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and (((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same (conventional or RAM or rom or prom))) and (((delet\$4 or remov\$4 or eras\$4 or scratch\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same ((conventional or RAM or rom or prom))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:31 |

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|---|-------|---|--------------------------------|------------------|
| - | 60 | (711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5 or uncompress\$6)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:42 |
| - | 6 | ((711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5 or uncompress\$6)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((unavailabl\$5 or incapable or capacity or ("not" adj available))near6 (conventional or dram or ram)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 09:37 |
| - | 39 | ((711/\$.ccls. and (((extended or expanded or alternate or expan\$7)adj3 (memory or storage or area))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and ((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))) and (((writ\$4 or sav\$4 or stor\$4 or cop\$5)near4 (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4))same (conventional or RAM or rom or prom)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:27 |
| - | 304 | adaptec.asn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:27 |
| - | 1 | adaptec.asn. and (extended adj memory) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:28 |
| - | 48 | adaptec.asn. and (bios) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:28 |
| - | 30 | (adaptec.asn. and (bios)) and (image) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:28 |
| - | 10258 | 712/\$.ccls. | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:36 |
| - | 7 | 712/\$.ccls. and (((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:36 |
| - | 27738 | 714/\$.ccls. | USPAT; US-PGPUB; IBM_TDB | 2004/07/20 10:36 |
| - | 20 | 714/\$.ccls. and (((extended or expanded)adj3 (memory or storage))with (BIOS or initiali\$7 or boot\$5 or ipl or bootstrap\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 08:22 |
| - | 9 | ((mov\$4 or migrat\$4 or transfer\$4 or cop\$5)near5 (bios or (initiali\$7 adj (program or code or data))))with ((extended or expand\$4 or exten\$6)near3 (storage or memory)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:06 |
| - | 1690 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (initializ\$6 or boot\$6 or power\$on or reset or configur\$7) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:16 |
| - | 96 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with computer | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:15 |
| - | 99 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:16 |

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|---|------|--|--------------------------------|------------------|
| - | 1702 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:28 |
| - | 99 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:24 |
| - | 1603 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and (amount or size or capacity or capabl\$4) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:18 |
| - | 97 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc) and (amount or size or capacity or capabl\$4) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:18 |
| - | 11 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc) and ((amount or size or capacity or capabl\$4)near4 (conventional or ram)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:18 |
| - | 11 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) with (notebook or laptop or computer or pc) and (amount or size or capacity or capabl\$4) and ((amount or size or capacity or capabl\$4)near4 (conventional or ram)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:29 |
| - | 979 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and (amount or size or capacity or capabl\$4) and (notebook or laptop or computer or pc) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:01 |
| - | 4 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and (amount or size or capacity or capabl\$4) and (notebook or laptop or computer or pc) and ((accomodat\$5 or fit or (enough adj2 (size or capacity)))near4 (uncompre\$4 or enlarg\$4 or expand\$4)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:30 |
| - | 199 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7) | EPO; JPO; DERWENT | 2004/07/28 09:28 |
| - | 2 | ((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and ((amount or size or capacity or capabl\$4)near4 (conventional or ram)) | EPO; JPO; DERWENT | 2004/07/28 09:29 |
| - | 0 | ((accomodat\$5 or fit or (enough adj2 (size or capacity))) near6 (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) with (optional adj (ROM or eprom or eeprom or flash or memory)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:35 |
| - | 0 | ((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) same (optional adj (ROM or eprom or eeprom or flash or memory)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/28 09:35 |

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|---|-------|--|--------------------------------|------------------|
| - | 12 | ((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) and (optional adj (ROM or eprom or eeprom or flash or memory)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:06 |
| - | 2 | ((mov\$4 or migrat\$4 or transfer\$4 or cop\$5)near5 (bios or (initiali\$7 adj (program or code or data)))with ((extended or expand\$4 or exten\$6)near3 (storage or memory)) | EPO; JPO; DERWENT | 2004/07/28 09:53 |
| - | 712 | (decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 09:54 |
| - | 302 | ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (conventional or DRAM or ram) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 08:26 |
| - | 0 | ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (conventional or DRAM or ram)) same (extended adj3 (memory or storage or location\$1)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 09:38 |
| - | 2 | ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (conventional or DRAM or ram)) and (extended adj3 (memory or storage or location\$1)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 08:30 |
| - | 21 | ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (conventional or DRAM or ram)) same (bios or (intiali\$6 adj3 (program or code or data or software))or (application adj3 (software or code or program))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 09:54 |
| - | 46 | ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) same (bios or (intiali\$6 adj3 (program or code or data or software))or (application adj3 (software or code or program))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 09:34 |
| - | 33560 | ((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:00 |
| - | 34 | ((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) same (extended adj3 (memory or storage or location\$1)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 09:38 |
| - | 0 | ((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) same (extended adj3 (memory or storage or location\$1))) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:00 |

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|---|-------|--|--------------------------------|------------------|
| - | 0 | (((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom)))) and (extended adj3 (memory or storage or location\$1)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:08 |
| - | 20 | (((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom)))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:01 |
| - | 245 | ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom)) | EPO; JPO; DERWENT | 2004/07/29 09:54 |
| - | 12 | ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((stor\$4 or locat\$4 or sav\$4)adj4 (rom or flash or eeprom or prom or eprom))) and (bios or (intiali\$6 adj3 (program or code or data or software))or (application adj3 (software or code or program))) | EPO; JPO; DERWENT | 2004/07/29 09:55 |
| - | 12458 | ((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram) | EPO; JPO; DERWENT | 2004/07/29 10:26 |
| - | 1 | (((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom)))) | EPO; JPO; DERWENT | 2004/07/29 10:01 |
| - | 1 | (((((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)adj4 (rom or flash or eeprom or prom or eprom)))) | EPO; JPO; DERWENT | 2004/07/29 10:01 |
| - | 12 | (((((optimiz\$7 or efficient\$4 or effective)near4 (memory or storage))with (BIOS or initializ\$6 or boot\$6 or power\$on or reset or configur\$7)) and (amount or size or capacity or capabl\$4)) and (notebook or laptop or computer or pc) | EPO; JPO; DERWENT | 2004/07/29 10:01 |
| - | 0 | ((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) and (optional adj (ROM or eprom or eeprom or flash or memory)) | EPO; JPO; DERWENT | 2004/07/29 10:07 |
| - | 2 | ((mov\$4 or migrat\$4 or transfer\$4 or cop\$5)near5 (bios or (initiali\$7 adj (program or code or data))))with ((extended or expand\$4 or exten\$6)near3 (storage or memory)) | EPO; JPO; DERWENT | 2004/07/29 10:07 |
| - | 4978 | ((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4)) | EPO; JPO; DERWENT | 2004/07/29 10:07 |

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|---|-------|---|--------------------------|------------------|
| - | 2 | ((accomodat\$5 or fit or (enough adj2 (size or capacity))) with (uncompre\$4 or enlarg\$4 or decompress\$4 or expand\$4))) and (extended adj3 (memory or storage or location\$1)) | EPO; JPO; DERWENT | 2004/07/29 10:08 |
| - | 237 | (selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1)) | EPO; JPO; DERWENT | 2004/07/29 10:11 |
| - | 0 | ((selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))) same ((insufficient or small or less)adj5 (storage or capacity or area)) | EPO; JPO; DERWENT | 2004/07/29 10:11 |
| - | 1 | ((selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))) and ((insufficient or small or less)adj5 (storage or capacity or area)) | EPO; JPO; DERWENT | 2004/07/29 10:11 |
| - | 2 | (selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))with ((compressed or compact\$4 or zip\$4 or reduced)adj5 (image or bios or (program adj(code or software or intiali\$7)))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:18 |
| - | 6 | (selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))same (insufficient or incapable or overflow or ("not" adj enough)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:16 |
| - | 4 | (selecti\$5 or adapt\$6) near6 ((extended or exten\$6 or expan\$6)adj3 (memory or storage or location\$1))same ((compressed or compact\$4 or zip\$4 or reduced)adj5 (image or bios or (program adj(code or software or intiali\$7)))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:17 |
| - | 0 | adatec.asn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:18 |
| - | 307 | adaptec.asn. | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:18 |
| - | 5 | adaptec.asn. and (exten\$5 adj (memory or storage)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:24 |
| - | 6 | adaptec.asn. and (optimiz\$6 near4 (memory or storage)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:21 |
| - | 2 | adaptec.asn. and (optimiz\$6 near4 (resources)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:22 |
| - | 74398 | (optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:23 |
| - | 6954 | ((optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)) same (bios or initiali\$7 or power\$on or configur\$7) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:24 |
| - | 3018 | ((optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)) with (bios or initiali\$7 or power\$on or configur\$7) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:24 |
| - | 7 | ((optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)) with (bios or initiali\$7 or power\$on or configur\$7)) same (exten\$5 adj (memory or storage)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:26 |
| - | 89 | ((optimiz\$6 or efficient\$4) with ((memory or storage) near\$3 resources)) with (bios or initiali\$7 or power\$on or configur\$7)) and (exten\$5 adj (memory or storage)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 10:26 |

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|---|-------|---|--------------------------------|------------------|
| - | 18 | ((((optimiz\$6 or efficient\$4) with (memory or storage) near\$3 resources)) with (bios or initiali\$7 or power\$on or configur\$7)) and (exten\$5 adj (memory or storage))) and (((detect\$4 or determin\$6 or verif\$6 or validat\$5)near6 (amount or capacity or space or lcation\$1 or area))with (memory or storage or conventional or RAM or dram)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 11:49 |
| - | 39552 | memory near3 (allocator or configur\$6) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 11:50 |
| - | 2220 | (memory near3 (allocator or configur\$6)) with (bios or initiali\$6 or image) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 11:59 |
| - | 146 | ((memory near3 (allocator or configur\$6)) with (bios or initiali\$6 or image)) and (((check\$4 or determin\$6 or detect\$4 or validat\$4 or verif\$6)near5 (capacity or storage or space or area or size))same (conventional or ram or dram)) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 11:53 |
| - | 4 | ((memory near3 (allocator or configur\$6)) with (bios or initiali\$6 or image)) and (((check\$4 or determin\$6 or detect\$4 or validat\$4 or verif\$6)near5 (capacity or storage or space or area or size))same (conventional or ram or dram))) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)with (rom or flash or eeprom or prom or eprom))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 11:59 |
| - | 495 | ((expansion or adapter)near3 card)with (rom or eeprom or prom) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 11:59 |
| - | 13 | ((expansion or adapter)near3 card)with (rom or eeprom or prom)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)with (rom or flash or eeprom or prom or eprom))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 12:00 |
| - | 142 | ((expansion or adapter)near3 card)with (rom or eeprom or prom)) same (bios or initiali\$6 or image) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 12:00 |
| - | 12 | ((expansion or adapter)near3 card)with (rom or eeprom or prom)) same (bios or initiali\$6 or image)) and ((decompress\$4 or uncompress\$4 or unzip\$5 or extract\$4 or expan\$6)near6 ((image or compressed)with (rom or flash or eeprom or prom or eprom))) | USPAT; US-PGPUB; IBM_TDB | 2004/07/29 12:00 |